



Dart Hawkesbury  
1270 Aberdeen St Hawkesbury, ON K6A 1K7 Canada  
Tel (613) 632-5200

## Purchasing Receipts

PO No	Supplier	Line Item No	Rel No	Terms	Purchased Item	Description	For Part No	Project	Equipment ID	Order Qty	Due Date	Received Quantity	Accounting Job No	Serial No	Status	Receive Date	Price/Unit	Aging Days	Past Due	Total	Supplier Name	
PO038707	ACI001-VC	2	1	Net 30	M2024T3S.063	2024-T3 .063 Sheet : MATERIAL: 2024-T3 ALUMINUM SHEET AS PER QQ-A-250/4 OR AMS-QQ-A-250/4 OR AMS 4037 OR ASTM B209 receive sf				336	1/3/2018	336		S029837	Stock	1/8/2018	\$ 8.79 / sf	28		\$2,954.55	Acier Ouellette Inc.	
		3			M4140NB2.500X3.000	4140 Steel Bar 2.500 X 3.000 : AISI 4140N STEEL BAR PER MIL-S-5626, AMS 6382, AMS 6349, AMS 6529 receive fl				6		6		S029838	Stock	1/6/2018	\$ 79.17 / fl	28		\$475.00	Acier Ouellette Inc.	
Total:										342		342									\$2,785.75	

Plex 2/2/2018 11:17 AM Dart.Baker,Diane



**DELIVERY - CLIENT**

**ACIER OUELLETTE INC.**

935, Boul. du Hâvre  
Salaberry de Valleyfield (Québec) J6S 5L1  
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248  
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

COC0068124

**Billed to**

DART AEROSPACE LTD  
1270, ABERDEEN ST.  
HAWKESBURY, Ontario, K6A 1K7

**Shipped to**

, Ontario,  
Att : CHANTAL LAVOIE Tél.: 613-632-5200  
Delivery Route 5

Customer N°

CL10001056

Date

2017/12/21

Delivery date

2018/01/05

Your order N°

38707

Processed by

Josianne Bourdon

Salesman

Carrier

OUELLETTE VALLEYFIELD

Credit Terme

Net 30 Days

Page

1

1	ALU SHEET .064 (14G) 2024-T3 (4 X 12) FEAL-0644122024 3166	Weight 302.74	Qty 336.00	U/M PI2_\$CLB	PCS NB				Internal Use Only				
					CMD	EXP	B/O	IN	I	S	C	OUT	
2	PLATE 4140 HT 2 1/2 NS P4140-212H 8795	153.15	1.50	PI2_\$CLB		<del>1X40</del>							
	1 X 3" X 72" HEAT AC12445-FL-03/01					1X40							

Total Weight (Lbs) : 455.89

NIR : R-109516-6

**Conditions :**  
All sold and delivered materials remain the property of "Acier Ouellette Inc." until payment is made in full, complete and cashed. All lost materials are at the buyer's expense. The warranty offered by "Acier Ouellette Inc." is the same as offered and honored by the manufacturer and his warranty is transferred by "Acier Ouellette Inc." to the client. The buyer hereby accepts to respect the following conditions: Net 30 days from billing date and the buyer accepts to pay administration charges of 2% per month (24% per annum) on all past due amounts over 30 days. Any default in respect with this contract will lead to payment by acceleration and permits to the seller, at his choice to claim for the balance due or the repossession of the goods sold. All claims must be made within five (5) days with this document enclosed. Any merchandise that has been damaged, cut or modified cannot be returned. All goods returned must be with our authorization and are subject to a 25% restocking charge.

Prepared By :

Verified By :

Delivered By :

Time

Total (\$CAD)

Customer's Signature

Date

PP

Y M D



ACIER OUELLETTE INC.

935, Boul. du Hève  
Salaberry de Valleyfield (Québec) J6S 5L1  
Tél.: 450-377-4248 Mt: 514-336-4248 Ext.: 800-667-4248  
Fax: 450-377-5696 Mt: 514-336-4246 Ext.: 866-456-4242

## Order - Sales

Copy

CO00068124

### Billed to

DART AEROSPACE LTD

1270, ABERDEEN ST.  
HAWKESBURY, Ontario, K6A 1K7

### Shipped to

, Ontario,

Alt : CHANTAL LAVOIE Tél.: 613-632-5200

Delivery Route 5

Customer N°

CL10001056

Date

2017/12/21

Delivery date

2018/01/04

Your order N°

38707

Processed by

Josianne Bourdon

Salesman

Carrier

OUELLETTE VALLEYFIELD

Credit Terme

Net 30 Days

Page

1

Product Description	Weight	Qty	U/M	PCS NB				Internal Use Only			
				CMD	EXP	B/O	IN	I S C			
								OUT			
1 ALU SHEET .064 (14G) 2024-T3 (4 X 12) FEAL-0644122024 3166 7 X 4' X 12' HEAT 24313085 / 527 AC12443-SA-03/01	302.74	336.00	PI2_\$CLB	7.00							
2 PLATE 4140 HT 2 1/2 NS P4140-212H 8795 1 X 3" X 72" HEAT 296490 AC12445-FL-03/01 SURCHARGE ENERGETIQUE FRAIS_ENERGETIQUE	153.15	1.50	PI2_\$CLB	1.00							
			\$	0.00							
Total Weight (LBS) : 455.89											

Total Weight (LBS) : 455.89

NIR : R-109516-6

Conditions :  
All sold and delivered materials remain the property of "Acier Ouellette Inc." until payment is made in full, complete and cashed. All lost materials are at the buyer's expense. The warranty offered by "Acier Ouellette Inc." is the same as offered and honored by the manufacturer and his warranty is transferred by "Acier Ouellette Inc." to the client. The buyer hereby accepts to respect the following conditions: Net 30 days from billing date and the buyer accepts to pay administration charges of 2% per month (24% per annum) on all past due amounts over 30 days. Any default in respect with this contract will lead to payment by acceleration and permits to the seller, at his choice to claim for the balance due or the repossession of the goods sold. All claims must be made within five (5) days with this document enclosed. Any merchandise that has been damaged, cut or modified cannot be returned. All goods returned must be with our authorization and are subject to a 25% restocking charge.

Prepared By : Verified By :

Delivered By : Time

Customer's Signature

Y M D

Total (\$CAD)

3 879.86

Deposit

0.00

Balance

3 879.86



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200

# **PURCHASE ORDER** **PO038707**

**Supplier:** ACI001-VC  
Acier Ouellette Inc.  
935 Boul. Du Havre  
Valleyfield  
QC  
J6S 5L1 Canada  
Phone: 800 667 4248  
Fax: 450 377 5696

**PO No:** PO038707

**PO Date:** 12/21/17

**Due Date:** 1/3/18

**Purchase Order**

**Revision:**

**Revision Date:**

**Ship-To Contact:** Lavoie, Chantal  
clavoie@dartaero.com

**E-MAILED**  
DEC 21 2017

**Ship To:** 1270 Aberdeen Street  
Hawkesbury  
ON  
K6A 1K7 Canada  
Phone: 613-632-5200

**Via:** Ground

**Pymt Terms:** Net 30

**Freight Terms:**

**Special Comments:** quote no. sou0077655,sou0077553

## Items

Line Item	Part	Supplier Part No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	M4130NR0.375		4130 Steel Round Bar .375" : MATERIAL: AISI 4130N ROUND BAR AS PER MIL-S-6758 OR AMS 6348/6370/6528 receive ft	Firmed	1/3/18	24 ft	0 ft	24 ft	\$21.50/ft	\$516.00
2	M2024T3S.063		2024-T3 .063 Sheet : MATERIAL: 2024-T3 ALUMINUM SHEET AS PER QQ-A-250/4 OR AMS-QQ-A-250/4 OR AMS 4037 OR ASTM B209 receive sf	Firmed	1/3/18	336 sf	0 sf	336 sf	\$8.7933035/sf	\$2,954.55
3	M4140NB2.500X3.000		4140 Steel Bar 2.500 X 3.000 : AISI 4140N STEEL BAR PER MIL-S-5626, AMS 6382, AMS 6349, AMS 6529 receive ft	Firmed	1/3/18	6 ft	0 ft	6 ft	\$79.16666/ft	\$475.00

**Line Item Note** 4140 plate heat treat acceptable

Items										
Line Item	Part	Supplier Part No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
4	M17-4-H1150-R3.000		17-4 H1150 Round Bar 3.000" : MATERIAL: 17-4 PH CONDITION H1150 receive ft	Firmed	1/19/18	12 ft	0 ft	12 ft	\$148.16666/ft	\$1,778.00
Grand Total:										\$5,723.55

## Order Notes

## Procurement Quality Clauses

A005 right of entry

A012 chemical and physical test report

A016 personnel qualification

A017 raw material identification (as applicable)

A026 certification of material conformance

A041 quality management system

A042 dart notification by supplier

A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit [www.dartaerospace.com](http://www.dartaerospace.com) for further explanation.

Plex 12/21/17 1:55 PM dart.lavoie.chantal

3 879.86

## Chantal Lavoie

---

**From:** Michael Lee  
**Sent:** Monday, December 11, 2017 3:13 PM  
**To:** Chantal Lavoie  
**Cc:** Vanessa Morel; Daniel Paquette  
**Subject:** RE: Message from DartAerospace QualityAssurance C224e

Hi Chantal,

Please procure 4140 HT as a replacement material.

Thank you,

Mike

**From:** Chantal Lavoie  
**Sent:** Monday, December 11, 2017 12:05 PM  
**To:** Michael Lee <mlee1@dartaero.com>  
**Cc:** Vanessa Morel <vmorel@dartaero.com>; Daniel Paquette <dpaquette@dartaero.com>; Michael Lee <mlee1@dartaero.com>  
**Subject:** FW: Message from DartAerospace QualityAssurance C224e

Good morning Mike,

Once again need your help on mat'l, I am having a hard time to find mat'l 4140N bar they are quoting only in 4140 HT or 4130N.

~~Please advise if this would be acceptable, see attached on where use~~

---

Thanks  
Chantal

**From:** [print.hby@dartaero.com](mailto:print.hby@dartaero.com) [<mailto:print.hby@dartaero.com>]  
**Sent:** Monday, December 11, 2017 1:23 PM  
**To:** Chantal Lavoie <[clavoie@dartaero.com](mailto:clavoie@dartaero.com)>  
**Subject:** Message from DartAerospace QualityAssurance C224e

**ACIER OUELLETTE INC.**

935, Boul. du H vre  
Salaberry de Valleyfield (Qu bec) J6S 5L1  
T l.: 450-377-4248 M l: 514-336-4248 Ext.: 800-667-4248  
Fax: 450-377-5696 M l: 514-336-4246 Ext.: 866-456-4242

**Quotation**

SOU0077655

**Billed to**

DART AEROSPACE LTD  
1270, ABERDEEN ST.  
HAWKESBURY, Ontario, K6A 1K7

**Shipped to**

, Ontario,

Att : CHANTAL LAVOIE T l.: 613-632-5200

**Customer N **

CLI0001056

**Date**

2017/12/18

**Revision N **

0

**Prices valid until**

2017/12/25

**Your Order N ****Processed by**

BERNARD

**Salesman**

JOSIANNE

**Carrier**

OUELLE SDV

**Credit Terms**

Net 30 Days

**Page**

1

Product N� and description	Weight	Qty	U/M	Qty	U/M	Price	Pcs Nb	Price	Amount
ROUND SS 3 1/2 RANDOM NS RSS-312-V 8761 1 X 12' R/L 4-5 DAYS	400.44	12.00	PI_\$CLB	12.00	UN_\$UN		1.00	1 105.010	1 105.01
ROUND 17-4 H1150 2 1/2" DIA N 2 X 6' R/L 2-3 WEEKS	0.00	2.00	UN	2.00	UN		2.00	618.000	1 236.00
ROUND 17-4 H1150 3" DIA N 2 X 6' R/L 2-3 WEEKS	0.00	2.00	UN	2.00	UN		2.00	889.000	1 778.00
ROUND 17-4 H1150 3 1/2" DIA N 2 X 6' R/L 2-3 WEEKS	0.00	2.00	UN	2.00	UN		2.00	1 270.000	2 540.00
SURCHARGE ENERGETIQUE FRAIS_ENERGETIQUE  17-4 H1150 R 4" 6ft.			\$						3.95

**Total Weight (Lbs)**

400.44

**Important**

This offer is based on availability and current pricing conditions that may be revised upon reception of the order.

This offer is subject and conditional to credit approval.

Approved and Accepted by :

Date :

**Sub-total**

6 662.96

TVH-13 \* 866.18

**Total (\$CAD)**

7 529.14



CO. 168124

DART

PO. 12445

**Chemical certification**  
**Certification chimique**

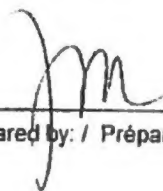
Order Num / No. Commande <b>AC-12445</b>	Vendor / Fournisseur <b>46</b>	Country of origin / Pay d'origine <b>SLOVENIA</b>	Date <b>08/10/16</b>	Heat / coulée <b>296490</b>	Material ID # / No matière
Grade / Nuance <b>4140 PLT</b>	Conditions <b>Q&amp;T HEAT TREATED E+VD</b>				
Shape / Forme <b>PLT</b>	Size / Dimension <b>2.500</b>	Specifications <b>ASTM A829/A829M</b>			

Chemical composition / Analyse chimique				
Carbon (C)	Silicon (Si)	Manganese (Mn)	Phosphorus (P)	
Mini / maxi 0.0000 / 0.0000	0.0000 / 0.0000	0.6500 / 1.1000	0.0100 / 0.0190	
Actuel % 0.421	0.268	0.786	0.009	
Sulphur (S)	Chromium (Cr)	Nickel (Ni)	Molybdenum (Mo)	
Mini / maxi 0.0200 / 0.0400	0.7500 / 1.2000	0.1000 / 0.2000	0.1500 / 0.2500	
Actuel % 0.002	1.000	0.160	0.170	
Copper (Cu)	Vanadium (V)	Aluminum (Al)	Tungsten (W)	
Mini / maxi 0.1900 / 0.2900	0.0400 / 0.0500	0.0000 / 0.0000	0.0000 / 0.0000	
Actuel % 0.199	0.035	0.035	0.000	
Cobalt (Co)	Titanium (Ti)			
Mini / maxi 0.0000 / 0.0000	0.0000 / 0.0000	0.0000 / 0.0000	0.0000 / 0.0000	0.0000 / 0.0000
Actuel % 0.000	0.000	0.000	0.000	0.000
Mechanical properties / Propriétés Mécaniques				
Yield strenght / Élasticité	Tensile / Rés. à la traction	Elongation / Allon. (%)	Red. of area / Surface (%)	RC
0.000 PSI	0.000 PSI	0.00	0.00	
				Surface Hd / Dureté 293 BHN

**Note:**

We certify that the above data has been verified and are conform to an original mill or supplier certificate supplied to us with the material

Nous certifions que les données ci haut on été vérifier et sont conformes d'après un certificat originale qui nous a été fourni par notre fournisseur

  
Prepared by: / Préparé par:

# KAISER ALUMINUM

Trentwood Works - Spokane, WA 99215

Phone: (800) 367-2586

## CERTIFIED TEST REPORT

Serial Number

4482963

CUSTOMER PO NUMBER: C74796-2	WORK PACKAGE:	CUSTOMER PART NUMBER:	SHIP RUN/LOAD: 104079/25	GOV'T CONTRACT NUMBER:
KAISER ORDER NO: 1244537-2	SHIP DATE: 24-OCT-2017	ALLOY: 2024	CLAD: BARE	TEMPER: T3
WEIGHT SHIPPED: 3259 LB	QUANTITY: 74 PCS EST.	TRUCK B/L #: 2069706	GAUGE: 0.0630 IN (1.6002 MM)	PRODUCT DESCRIPTION: HT Flat Sheet
			DIAMETER/WIDTH: 48.000 IN (1219.2 MM)	LENGTH: 144.000 IN (3657.6 MM)

MHU 2153170: LOT/243138B5: 74 pieces; 0724468

### Certified Specifications

✓ AMS 4037/RevQ  
CMMP 019/RevD

✓ AMS-QQ-A-250/4/RevB  
✓ CMMP 025/RevV

✓ ASTM B 209/Rev14

Test Code: 1504

Lot: 243138B5

Cast 527

Drop 73

### Test Results

Ingot 2

Melted in USA

(ASTM E8/B557)

(EN 2002-1)

Tensile:	Temper	Dir / # Tests	Ultimate KSI (MPA)	Yield KSI (MPA)	Elongation %
	T3	LT / 2 (Min:Max)	65.0 : 65.1 (448 : 449)	43.3 : 43.6 (299 : 301)	18.9 : 19.1

(ASTM E1251)

Chemistry:	SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER
Actual(wt%)	0.07	0.17	4.6	0.57	1.3	0.01	0.15	0.02	0.02	0.00	TOT 0.02

### ALLOY LIMITS

	SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER	MAX
2024												
MIN(wt%)	0.00	0.00	3.8	0.30	1.2	0.00	0.00	0.00	0.00	0.00	EACH	0.05
MAX(wt%)	0.50	0.50	4.9	0.9	1.8	0.10	0.25	0.15	0.05	0.05	TOT	0.15

Aluminum Remainder



Trentwood Works - Spokane, WA 99215  
Phone: (800) 367-2586

## CERTIFIED TEST REPORT

Serial Number  
4482963

### CERTIFICATION

Kaiser Aluminum, Trentwood Works, is ISO 9001, AS9100, and ISO 14001 certified, and hereby certifies that all material shipped under this order:

\* has been inspected, tested, and found to be in conformance with the requirements of the specifications indicated herein.

All test equipment and measuring devices are calibrated and certified in accordance applicable specifications. For material thicknesses outside specification limits, mechanical properties are as shown herein and chemical composition meets specification requirements. Reported elongation values have been measured as elongation at fracture.

\* was melted in the United States of America or a qualifying country per DFARS 225.872-1(a), was manufactured in the United States of America, and meets the requirements of DFARS 252.225 for domestic content.

\* has been thermally processed in compliance with AMS 2772, where applicable.

\* is mercury free, within the limits of detection of ASTM E1215 (<1ppm).

\* is in compliance with RoHS 2, European Union Directive 2011/65/EU.

\* is in compliance with European Chemical Agency, ECHA, REACH regulations, (EC) No 1907/2006, and Kaiser regularly monitors these regulations for updates.

\* is free of Conflict Minerals, as defined in Section 15.2 of the Dodd-Frank Act.

\* is free of weld repair.

\* meets the reporting requirements of EN10204, Type 3.1.

Any warranty is limited to that shown on Kaiser Aluminum's standard general terms and conditions of sale. Test reports are on file, subject to examination. Test reports shall not be reproduced except in full, without the written approval of the Kaiser Aluminum laboratory. The recording of false, fictitious or fraudulent statements or entries on the certificate may be punished as a felony under federal law.

JAMES HEMENWAY, TECHNICAL PROCESS MANAGER

# MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M4140NB2.500X3.000

PO / BATCH NO.: 038707/5029838

DATE: JAN 08 2018

MATERIAL CERT REC'D: yes  
 QUANTITY RECEIVED: 6"  
 QUANTITY INSPECTED: 6"  
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 3.000  
 THICKNESS RECEIVED: 3.000  
 SHEET SIZE ORDERED: N/A  
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="checkbox"/> N	
CORRECT FINISH	<input checked="" type="checkbox"/> Y N	
CORROSION	Y <input checked="" type="checkbox"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/> Y N	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="checkbox"/> Y N	
CORRECT THICKNESS	<input checked="" type="checkbox"/> Y N	
PHOTO REQUIRED	Y <input checked="" type="checkbox"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/> Y N	Heat # 286490
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/> Y N	
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/> Y N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N *	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="checkbox"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D	WEBSTER
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

*testers located in the Quality Office*

## QC 18 INSPECTION

INSPECTED BY: [Signature]

ENGINEERING SIGNOFF (if required)

SIGNED OFF BY: [Signature]

DATE: JAN 08 2018

DATE: 10/1/8

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

Acceptable for  
non-critical non-hazardous  
parts only. 10/1/8



DESIGN <i>[Signature]</i>	DRAWN BY <i>[Signature]</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>[Signature]</i>	APPROVED <i>[Signature]</i>	DRAWING NO. M4140N-B	REV. A SHEET 1 OF 1
DATE 05.01.19		TITLE 4140 BAR	SCALE NTS
A	05.01.19	NEW ISSUE	

RELEASED  
*[Signature]* 05.01.19

PURCHASE MATERIAL : AISI 4140N STEEL BAR  
PER MIL-S-5626 , AMS 6382 , AMS 6349 , AMS 6529

PART NUMBER : M4140N-B | T.TTT | x | WW.WWW | WHERE T.TTT = THICKNESS (IN INCHES)  
THICK | WIDTH | WW.WWW = WIDTH (IN INCHES)

EG. 0.5" x 4.0" BAR = M4140N-B0.500 x 04.000

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# MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M2024T35.063  
DATE: JAN 08 2018

PO / BATCH NO.: 5029887/038707

MATERIAL CERT REC'D: Yes  
QUANTITY RECEIVED: 336  
QUANTITY INSPECTED: 336  
QUANTITY REJECTED: 0

THICKNESS ORDERED: .063  
THICKNESS RECEIVED: .063  
SHEET SIZE ORDERED: 4x12  
SHEET SIZE RECEIVED: 4x12

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT FINISH	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORROSION	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	QQ-A-250/4
CORRECT THICKNESS	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
PHOTO REQUIRED	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Heat # 24313805 / 527
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>[Signature]</u> DATE: <u>JAN 08 2018</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

# SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: 2024-T3 ALUMINUM SHEET

SPECIFICATION: QQ-A-250/4 OR AMS-QQ-A-250/4  
OR ASTM B209

PART NUMBER: M2024T3S | XXX | THK

WHERE "XXX" = SHEET THICKNESS (IN INCHES)

EG. 0.063" THICK SHEET = M2024T3S.063

PREFERRED SIZE: XXX BY 4 FT BY 10 FT

RELEASED  
R 2009-03-23  
MP

B	REFORMAT DWG. ADD ASTM B209 SPEC (ZN D8-1), PAR 09-020A	CP	09 07 07
A	NEW ISSUE	DS	01 09 24
REV.	DESCRIPTION	BY	DATE
DESIGN			
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	09.07.07		
DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA			
DRAWING NO. M2024T3S			
REV. B SHEET 1 OF 1			
TITLE 2024-T3 SHEET SPEC			
SCALE NTS			
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